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CURRENT LABOUR FORCE STATISTICS FOR NOVA SCOTIA

SEPTEMBER, 1974

603

NOVA SCOTIA

DEPARTMENT OF LABOUR
ECONOMICS AND RESEARCH DIVISION

FOREWORD

The "monthly" reviews, in summary form, Provincial and National adjustments in the labour force survey during the year including a year-over-year analysis.

ANALYSIS

TABLE 1: - Summary of Labour Force Characteristics for Nova Scotia

TABLE 2: - The Nova Scotia Labour by Age and Sex

TABLE 3: - Actual and Seasonally-Adjusted Labour Force Data

TABLE 4: - Participation Rates by Age and Sex

TABLE 5: - Employment by Industry

TABLE 6: - Employment by Occupation

TABLE 7: - Participation and Unemployment Rates by Economic Regions Within Nova Scotia

The statistics contained in the Labour Force Survey in this report are based on information obtained through a sample survey of households conducted by Statistics Canada. Estimates of employment, unemployment and non-labour force activity refer to a sepcific week covered by the survey each month. The Survey sample represents all persons in the population 14 years of age and over residing in Canada with the exception of those in the Yukon and Northwest Territories, Indians living on reserves, inmates of institutions and members of the Armed Forces. These excluded categories amount to about three percent of the total population 14 years of age and over.

The data and analysis presented in the foregoing tables are only intended as an overall insight into labour force activity and composition. A certain amount of more detailed information is available upon request from the Nova Scotia Department of Labour.

HIGHLIGHTS

Nova Scotia	1974 August to September Changes	
	Actual	Seasonally-Adjusted
Labour Force (000's)	-19	+ 4
Employed (000's)	-16	+ 3
Unemployed (000's)	- 3	+ 1
Unemployment Rate (%)	- 0.6	+ 0.3
Participation Rate (%)	- 3.4	+ 0.7

TABLE 1: - SUMMARY LABOUR FORCE CHARACTERISTICS FOR NOVA SCOTIA

		Labour Force (000's)	Employed (000's)	Unemployed (000's)	Unemployment Rate (%)
AVERAGE 1971		264	244	20	7.6
1972	Jan. 15	257	229	27	10.5
	Feb. 19	252	228	24	9.5
	Mar. 18	256	233	23	9.0
	Apr. 22	256	235	21	8.2
	May 20	266	247	19	7.1
	June 17	278	260	19	6.8
	July 22	293	271	22	7.5
	Aug. 19	287	269	18	6.3
	Sept. 16	265	251	14	5.3
	Oct. 14	268	252	17	6.3
	Nov. 11	266	249	17	6.4
	Dec. 9	261	244	18	6.9
AVERAGE 1972		267	247	20	7.5
1973	Jan. 13	259	234	24	9.3
	Feb. 17	259	236	23	8.9
	Mar. 24	267	246	22	8.2
	Apr. 21	273	253	20	7.3
	May 19	284	266	18	6.3
	June 23	292	273	18	6.2
	July 21	300	280	21	7.0
	Aug. 18	300	283	17	5.7
	Sept. 22	279	265	14	5.0
	Oct. 20	283	268	15	5.3
	Nov. 17	288	270	17	5.9
	Dec. 15	287	270	18	6.3
AVERAGE 1973		281	262	19	6.8
1974	Jan. 19	291	265	26	8.9
	Feb. 16	287	260	26	9.1
	Mar. 16	287	262	25	8.7
	Apr. 20	286	265	21	7.3
	May 18	298	281	17	5.7
	June 15	308	291	16	5.2
	July 20	319	300	19	6.0
	Aug. 17	318	299	19	6.0
	Sept. 14	299	283	16	5.4

TABLE 2: - NOVA SCOTIA LABOUR FORCE BY AGE AND SEX
(ACTUAL SERIES)
SEPTEMBER, 1974
(000's)

Age Categories	TOTAL Both Sexes	Male	Female
TOTAL	299	197	102
14 - 24 years	96	56	39
25 and over	203	141	63
14 - 19 years	35	20	15
20 - 24 years	61	36	25
25 - 44 years	114	79	36
44 - 64 years	85	59	26
65 and over	4	*	*

The total labour force as reported during the reference week ended September 14, 1974 stood at 299,000; a decrease of 19,000 from August. The most significant drop occurred in the age group 14 - 24 years where a total of 20,000 left the labour force, probably due to the beginning of the fall school term.

In the same age group, the number of males and females in the labour force decreased 7.1 percent and 3.8 percent respectively from August, 1973. In contrast, all age groups over 24 years either reported labour force increases or remained unchanged over the same period.

* Due to the small size of the sample, the high percentage of sampling variability rendered such figures unpublishable.

TABLE 3: - ACTUAL AND SEASONALLY-ADJUSTED
LABOUR FORCE DATA

		LABOUR FORCE (000's)		EMPLOYED (000's)		UNEMPLOYED (000's)		UNEMPLOYMENT RATE (%)		PARTICIPATION RATE (%)	
		Actual	Seasonally-Adjusted	Actual	Seasonally-Adjusted	Actual	Seasonally-Adjusted	Actual	Seasonally-Adjusted	Actual	Seasonally-Adjusted
CANADA	Sept.	9,649	9,749	9,218	9,186	431	563	4.5	5.8	57.9	58.5
	Aug.	10,152	9,770	9,705	9,248	441	522	4.4	5.3	61.1	58.9
ATLANTIC REGION	Sept.	784	786	726	705	58	81	7.4	10.3	51.7	51.5
	Aug.	831	782	773	707	58	75	7.0	9.6	55.0	51.6
NOVA SCOTIA	Sept.	299	303	283	281	16	22	5.4	7.3	52.3	53.0
	Aug.	318	299	299	278	19	21	6.0	7.0	55.7	52.3
NEW BRUNSWICK	Sept.	253	252	237	229	17	23	6.7	9.1	52.8	52.2
	Aug.	265	246	252	228	13	18	4.9	7.3	55.4	51.5
NEWFOUND-LAND	Sept.	187	185	164	154	23	31	12.3	16.8	49.0	47.9
	Aug.	198	193	174	159	24	34	12.1	17.6	52.0	49.6
P. E. I.	Sept.	45	44	43	41	*	*	*	*	54.9	53.3
	Aug.	49	42	47	39	*	*	*	*	59.8	53.0
QUEBEC	Sept.	2,608	2,632	2,459	2,440	149	192	5.7	7.3	56.2	56.8
	Aug.	2,764	2,639	2,605	2,459	159	180	5.8	6.8	59.6	57.1
ONTARIO	Sept.	3,649	3,701	3,514	3,536	135	165	3.7	4.5	59.9	60.8
	Aug.	3,850	3,742	3,710	3,679	140	163	3.6	4.4	63.4	61.7
PRAIRIES	Sept.	1,535	1,522	1,504	1,480	31	42	2.0	2.8	58.9	58.7
	Aug.	1,606	1,531	1,573	1,491	33	40	2.1	2.6	61.7	59.1
BRITISH COLUMBIA	Sept.	1,073	1,091	1,015	1,020	58	71	5.4	6.5	59.4	60.5
	Aug.	1,101	1,074	1,044	1,004	57	70	5.2	6.5	61.2	59.7

* Due to the small size of the sample, the high percentage of sampling variability rendered such figures unpublishable.

ANALYSIS OF LABOUR FORCE DATA [1]

Statistics on labour force activity released by the monthly labour force survey for the reference week ended September 14, 1974 revealed improved changes in labour force activity on an actual basis despite seasonal reductions in the labour force.

The total labour force in actual terms decreased by 19,000 in September from the previous monthly figure of 318,000. The total number employed moved down to 283,000 in September from 299,000 in August while the actual unemployment rate dropped by 0.6 percent from August to a rate of 5.4 percent in September. The start of the fall school term is probably reflected in the participation rate which dropped by 3.4 percent (from 55.7 percent in August to 52.3 percent in September).

Seasonally-adjusted figures for September draw a sharp contrast in comparison to actual labour force data. An increase of 4,000 in the provincial labour force was recorded on a seasonally-adjusted basis while the unemployment rate over the same period moved from 7.0 percent in August to 7.3 percent in September. The provincial participation rate showed an increase as well with the rate moving from 52.3 percent in August to 53.0 percent in September.

[1] The variance between actual and seasonally-adjusted data in the month to month labour force survey report is attributable to the seasonal factor being particularly strong during specific times of the year. The seasonal factor (as calculated from examining past labour force data for the Province) must be removed from the actual figures in order to discern the expected or normal change in the monthly labour force figures relative to those in the previous and preceeding months. One can then determine movements in the labour force due to the cyclical and irregular economic factors apart from the fluctuations caused by non-economic and seasonal factors such as climate, crop cycles, holidays and vacations.

TABLE 4: - PARTICIPATION RATES BY AGE AND SEX

(ACTUAL SERIES)

September, 1974

(Percent)

	Canada	Atlantic Provinces	Nova Scotia	New Brunswick	Quebec	Ontario
Both Sexes						
TOTAL	57.9	51.7	52.3	52.8	56.2	59.9
14 - 24 years	53.6	50.3	51.9	50.6	51.7	53.7
25 - 44 years	72.0	65.8	66.7	67.9	69.9	74.2
45 - 64 years	62.9	56.9	58.2	58.8	58.5	66.5
65 and over	10.2	7.7	5.7	9.4	10.9	10.1
Male						
TOTAL	76.8	70.9	70.4	72.8	76.8	77.6
14 - 24 years	60.3	59.6	59.6	59.8	58.5	58.2
25 - 44 years	97.3	95.0	95.2	95.7	97.9	97.2
45 - 64 years	89.3	83.3	83.1	85.7	88.9	91.1
65 and over	18.0	13.2	*	16.7	17.6	18.2
Female						
TOTAL	39.4	32.9	34.9	34.2	36.2	42.7
14 - 24 years	46.7	41.1	42.9	40.0	44.5	49.1
25 - 44 years	46.8	37.6	40.9	39.4	42.8	51.1
45 - 64 years	37.5	30.8	34.7	32.8	30.0	42.7
65 and over	4.2	*	*	*	*	3.8

The participation rate for Nova Scotia in actual terms fell to 52.3 percent in September, a decrease of 3.4 percent from August's rate.

The decrease in the actual participation rate was largely founded in the male group which declined by 5.6 percent from 76.0 percent in August, 1974 to 70.4 percent in September, 1974. Within the male group, the most noticeable change occurred in the 14 - 24 age group, reporting a 15.9 percent decrease. Similarily the female participation rate experienced a decrease of 1.4 percent with the same age group category as the males displaying a 6.6 percent decline. The lowering of the participation rates for both sexes particularly within the 14 - 24 age group is probably due to the return of summer students from the labour force to school. It is interesting to note that participation rates for those age 25 and over experienced only minor changes over the month.

* Due to the small size of the sample the high percentage of sampling varability rendered such figures unpublishable.

TABLE 5: - EMPLOYMENT BY INDUSTRY

(ACTUAL SERIES)

September, 1974

(000's)

EMPLOYED (By Industry)	Canada	Atlantic Provinces	Nova Scotia	New Brunswick	Quebec	Ontario
TOTAL	9218	726	283	237	2459	3514
Goods - producing	3489	251	93	87	943	1399
Agriculture	517	23	8	7	88	126
Other Primary	247	44	15	17	61	53
Manufacturing	2068	113	47	39	625	983
Construction	657	71	23	24	169	237
Service - producing	5729	475	189	150	1515	2114
Transportation, Communication and Other Utilities	814	84	28	29	217	264
Trade	1522	130	50	40	389	550
Finance, Insurance and Real Estate	453	24	10	8	121	191
Community, Business and Personal Services	2345	185	78	57	639	873
Public Administration	596	53	23	17	150	235

Total employment in Nova Scotia for the week ended September 14, 1974 was 283,000 in actual terms, a decrease of 16,000 from the preceeding month. In contrast with August's figures, the total employed declined in both the Goods - producing (from 107,000 in August to 93,000 in September) and Service - producing sector (from 193,000 in August to 189,000 in September).

The Service - producing industries which accounted for 66.8 percent of total employment in September, reported a 2.1 percent decrease in numbers employed from August. The Community, Business and Personal Services group remained the largest employer with 78,000 employed or 27.6 percent of the total, a slight increase of 3.2 percent from the preceeding month.

In the Goods - producing sector, all industries showed employment decreases from August. The largest decrease was experienced in the manufacturing industry which dropped by 7,000 workers.

TABLE 6: - EMPLOYMENT BY OCCUPATION
(ACTUAL SERIES)
September, 1974
(000's)

EMPLOYED (By Occupation)	Canada	Atlantic Provinces	Nova Scotia	New Brunswick	Quebec	Ontario
TOTAL	9218	726	283	237	2459	3514
Managerial	549	29	13	8	146	232
Natural Science	286	18	10	5	66	123
Social Science	104	6	*	*	33	42
Religion	25	*	*	*	*	*
Teaching	381	35	17	10	101	145
Medicine	382	34	13	*	111	139
Artistic	102	5	*	*	36	38
Clerical	1520	105	41	37	415	621
Sales	959	75	31	23	240	372
Service	1098	91	34	28	295	396
Farming	549	26	9	7	97	136
Fishing	26	17	*	*	*	*
Forestry	74	16	*	*	*	*
Mining	53	*	*	*	*	*
Processing	440	43	14	18	130	166
Machinery	270	14	7	*	65	139
Fabrication	920	49	21	15	296	409
Construction	706	81	27	28	175	242
Transport	400	43	14	15	106	137
Materials Handling	253	22	9	5	63	97
Other Crafts	120	9	*	*	36	47

Total employment in all occupations during September fell to 283,000 for Nova Scotia, a decrease of 16,000 over August's figures. The largest decrease in employment was found in the clerical occupations which experienced a decrease of 5,000 over the previous month's figures. As well decreases of 4,000 were recorded in construction and fabrication occupations.

Increases in employment were found in the teaching and natural science occupations whose figures rose by 4,000 and 2,000 respectively.

Clerical and service occupations represented 14.5 percent and 12.0 percent respectively of the total employment in Nova Scotia. The number employed by different occupations in Nova Scotia conformed quite closely in relative terms with the figures at the national level the larger variations appearing in the farming and fabricating occupations.

* Due to changes in labour force survey coding procedures, additional detailed occupational data giving information on 21 occupational groups rather than the previous 13 has been implemented.

TABLE 7: - LABOUR FORCE DATA FOR ECONOMIC REGIONS
WITHIN NOVA SCOTIA
SEPTEMBER, 1974

Economic Regions	Participation Rate	Unemployment Rate
4	46.7	8.3
5	51.6	5.7
6	54.8	4.3

Unadjusted data from the Labour Force Survey for the week ended September 14, 1974 indicated an unemployment rate of 5.4 percent for Nova Scotia; a decrease of 0.6 percent over the previous month. Employment conditions within the economic regions of Nova Scotia improved slightly in two of the three economic regions; however, the wide disparities in employment conditions between the mainland of Nova Scotia and Cape Breton Island still persist.

Economic Region 6 - the counties of Halifax, Digby, Lunenburg, Queens, Shelburne amd Yormouth reported an unemployment rate of 4.3 percent and a participation rate of 54.8 percent as compared to 4.2 percent and 58.9 percent in August.

Economic Region 5 - the counties of Annapolis, Antigonish, Colchester, Cumberland, Guysborough, Hants, Kings and Pictou experienced a decrease in the unemployment rate with 5.7 percent being unemployed in September as compared to 6.5 percent in August. Over the same period, the participation rate fell to 51.6 percent from 54.7 percent.

The unemployment rate for Economic Region 6 - Cape Breton Island decreased to 8.3 percent in September from 9.1 percent in August. The participation rate over the same period dropped to 46.7 percent; a decrease of 3.2 percent over the previous month's figures.